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- (71) Applicant (*for all designated States except US*): **SOUTHERN RESEARCH INSTITUTE [US/US]; Post Office Box 55305, Birmingham, AL 35255-5305 (US).**
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **WHITE, Lucile, E. [US/US]; 3800 Montclair Road, Unit 106, Birmingham, AL 35213 (US). REYNOLDS, Robert, C. [US/US]; 4300 Fair Oaks Drive, Birmingham, AL 35213 (US). SULING, William [US/US]; 537 Canterbury Road, Pelham, AL 35124 (US).**
- (74) Agents: **MCKEON, Tina, Williams et al.; Needle & Rosenberg, P.C., 999 Peachtree Street, Suite 1000, Atlanta, GA 30309-3915 (US).**
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(54) Title: **INHIBITORS OF FTSZ AND USES THEREOF**

(57) Abstract: The invention relates to inhibitors of FtsZ polymerization and uses thereof.

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## INTERNATIONAL SEARCH REPORT

International application N .

PCT/US03/20984

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) : A01N 43/42, 63/00; A61K 31/44  
 US CL : 424/93.4, 93.41, 93.42; 514/293

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 424/93.4, 93.41, 93.42; 514/293

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 Please See Continuation Sheet

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category #	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/46193 A2 (3M INNOVATIVE PROPERTIES COMPANY) 13 June 2002 (13.06.2002), entire document	1-42

<input type="checkbox"/>	Further documents are listed in the continuation of Box C.	<input type="checkbox"/>	See patent family annex.
*	Special categories of cited documents:	"T"	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A"	document defining the general state of the art which is not considered to be of particular relevance	"X"	document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E"	earlier application or patent published on or after the international filing date	"Y"	document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L"	document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&"	document member of the same patent family
"O"	document referring to an oral disclosure, use, exhibition or other means		
"P"	document published prior to the international filing date but later than the priority date claimed		

Date of the actual completion of the international search	Date of mailing of the international search report
21 June 2004 (21.06.2004)	<i>George Brulgers</i> 10 July 2004
Name and mailing address of the ISA/US  Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer Dr. Kailash C. Srivastava Telephone No. (571)-272-0700

**INTERNATIONAL SEARCH REPORT**

PCT/US03/20984

**Continuation of B. FIELDS SEARCHED Item 3:**

USPT, PGPB, EPAB, JPAB, DWPI, REGISTRY, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CAPLUS, CABA-VTB, CONFSCI, EMBASE, ESBIOSBASE, JICST-EPLUS, MEDICONF, MEDLINE, SCISEARCH, TOXCENTER, USPATFUL, WPIDS.

**Search Terms:**

(diethylamino-1-methyl-butylamino-diphenyl-pyrido-pyrazin-6-yl-carbamic acid ethyl ester), (diamino-hydroxy-methyl-phenoxypropylaminopyridin), carbamic acid ethyl ester, bacteriostatic or bacteriocidal or (((inhibit or kill or slow down or slowdown or lower ) near5 (number or metabolism or physiology or count)) near5 (bacteria or actinomycete)).